August 2009



DEPARTMENT OF EDUCATION

2008-2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Comprehensive Assessment System is the State's measure of student progress in achieving the State standards known as *Learning Results*. The Maine Educational Assessment (MEA) is administered in grades 3 through 8 to meet these state assessment requirements. Since the spring of 2006, the SAT Reasoning TestTM (SAT) has been administered to students in their third year of high school in place of the MEA for state and federal purposes. The move from the MEA to the SAT in grade 11 was made to encourage all students in the goal of attaining college and high-level workplace readiness as well as to measure academic achievement. This year, the mathematics portion of the SAT Reasoning TestTM was augmented with 11 additional mathematics items (the Math-A test) to more fully measure Maine's *Learning Results*. The assessment continues to include science testing, which resumed last year after a two-year hiatus. The combined set of tests comprises the Maine High School Assessment (MHSA).

These 2008-2009 Maine High School Assessment Summary Reports contain the results of student performance in critical reading, mathematics, writing, and science reported according to the academic standards described above and disaggregated by student and school characteristics. The MHSA achievement level standards for the 2009 critical reading, writing, mathematics and science sections of the MHSA were determined by Maine educators with specific expertise within the content areas. This report, together with individual student and subject-specific student roster reports, provides support for use in program evaluation and planning. All scores contained in these reports are included for Maine state and federal reporting purposes only. While scores from the SAT may also be used for college admission by most students, they may not be used for that purpose if a student received accommodations during the test administration that exceeded those made available by the College Board.

These results reflect scores based on SAT, Math-A, and Science test questions that were taken by over 15,000 students who were enrolled in their third year of high school across all Maine public schools. The MHSA employs an assessment design that requires students to create a written response to a writing prompt, generate answers to open-ended mathematics and science questions, and in all subjects, select answers to multiple-choice questions. More information about the design, history, and use of the SAT can be found at: http://www.maine.gov/education/sat_initiative/.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and graduate from any Maine high school prepared for college, career, and citizenship.

Susan A. Lendron

Sincerely,

Susan A. Gendron

Commissioner of Education



High School Report

Test Date: May 2009 Code: 11491390

SAU: Scarborough School Department

School: Scarborough High School

Contents of the Report

The report is divided into six main sections including a section describing the students tested and a separate section for the results in each content area.

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SUMMARY OF SCORES

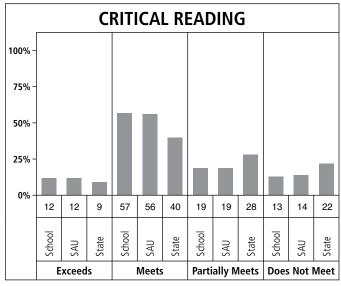
Test Date: May 2009

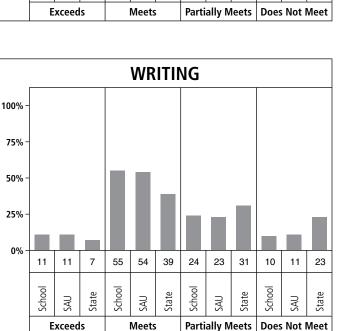
SAU: Scarborough School Department

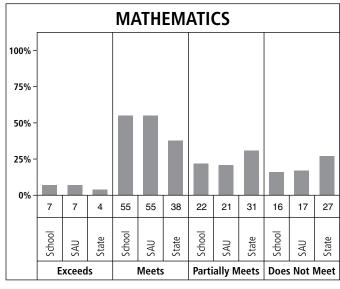
School: Scarborough High School

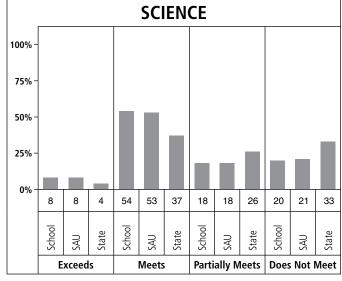
Summary of School, SAU, and State Scores

Year	Avera	age Scaled S	Score
icui	School	SAU	State
Critical Reading 2006–2007 2007–2008 2008–2009 Cum Average*	1148 1147 1147 1147	1148 1147 1146 1147	1141 1141 1141 1141
Mathematics 2006–2007 2007–2008 2008–2009 Cum Average*	1146 1146 1145 1146	1146 1145 1145 1145	1140 1141 1141 1141
Writing 2006–2007 2007–2008 2008–2009 Cum Average*	1147 1147 1146 1147	1147 1147 1146 1147	1141 1140 1140 1140
Science 2008–2009**	1145	1145	1140









^{*}Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

^{**}Because science standards were reset in May 2009, no historical data are available.



SUMMARY OF STUDENT PARTICIPATION

Test Date: May 2009

SAU: Scarborough School Department

		En	rol	me	nt¹								CC	N	ΓΕΙ	TV	AR	EΑ	PA	RT	TIC	IPA	TIC	N ²					
CATEGORY OF	d	luring	j test	ing v	vindo	w		С	ritical	Read	ng				Mathe	ematic	s				Wri	ting					Scie	ence	
PARTICIPATION	Sch	nool	S	AU	Sta	ate	Sch	nool	s	AU	Sta	ate	Scl	hool	S	BAU	Sta	ate	Scl	nool	S	AU	Sta	ate	Scl	nool	S	AU	State
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N %
Total number of students	279	100	283	100	15632	100	275	99	279	99	14928	96	278	100	282	100	15274	98	275	99	279	99	14926	96	275	99	279	99	15079 97
Ethnicity African American/Black	1	0	1	0	341	2	1	100	1	100	310	91	1	100	1	100	322	95	1	100	1	100	309	91	1	100	1	100	317 93
American Indian or Native Alaskan	0	0	0	0	111	1	0	0	0	0	101	91	0	0	0	0	107	96	0	0	0	0	101	91	0	0	0	0	103 93
Asian or Pacific Islander	8	3	8	3	241	2	8	100	8	100	221	92	8	100	8	100	229	95	8	100	8	100	221	92	8	100	8	100	227 94
Hispanic	5	2	6	2	166	1	4	80	5	83	156	94	5	100	6	100	162	98	4	80	5	83	156	94	5	100	6	100	155 93
Caucasian/White	265	95	268	95	14773	95	262	99	265	99	14140	96	264	100	267	100	14454	98	262	99	265	99	14139	96	261	98	264	99	14277 97
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0
Identified disability	36	13	39	14	2327	15	34	94	37	95	2108	91	36	100	39	100	2200	95	34	94	37	95	2099	91	36	100	39	100	2140 92
Current LEP	3	1	3	1	262	2	3	100	3	100	232	89	3	100	3	100	246	94	3	100	3	100	231	88	3	100	3	100	240 92
Economically disadvantaged	38	14	40	14	4634	30	37	97	39	98	4263	92	37	97	39	98	4451	96	37	97	39	98	4262	92	35	92	37	93	4383 95
Migrant	0	0	0	0	5	0	0	0	0	0	4	80	0	0	0	0	5	100	0	0	0	0	4	80	0	0	0	0	5 100

MODE OF		(ritical	Read	ing				Mathe	matic	S				Wri	iting					Scie	ence		
	Sc	hool	5	AU	St	ate	Sch	nool	S	AU	Sta	ite	Scl	ool	S	AU	St	ate	Sc	nool	S	AU	St	tate
PARTICIPATION ³	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Participation without accommodations	256	92	259	92	13079	84	259	93	262	93	13417	86	256	92	259	92	13084	84	256	92	259	92	13288	85
Identified disability (PET/IEP)	16	6	18	7	727	6	18	7	20	8	814	6	16	6	18	7	725	6	18	7	20	8	802	6
LEP	3	1	3	1	170	1	3	1	3	1	181	1	3	1	3	1	170	1	3	1	3	1	177	1
504 plan	7	3	7	3	238	2	8	3	8	3	245	2	7	3	7	3	238	2	8	3	8	3	241	2
Participation with accommodations	15	5	15	5	1626	10	15	5	15	5	1636	10	15	5	15	5	1624	10	15	5	15	5	1579	10
Identified disability (PET/IEP)	14	93	14	93	1158	71	14	93	14	93	1165	71	14	93	14	93	1156	71	14	93	14	93	1126	71
LEP	0	0	0	0	56	3	0	0	0	0	59	4	0	0	0	0	55	3	0	0	0	0	57	4
504 plan	1	7	1	7	79	5	1	7	1	7	79	5	1	7	1	7	80	5	1	7	1	7	77	5
Other	0	0	0	0	360	22	0	0	0	0	360	22	0	0	0	0	360	22	0	0	0	0	345	22
Participation through alternate assessment (PAAP)	4	1	5	2	223	1	4	1	5	2	221	1	4	1	5	2	218	1	4	1	5	2	212	1
Identified disability (PET/IEP)	4	100	5	100	223	100	4	100	5	100	221	100	4	100	5	100	218	100	4	100	5	100	212	10
LEP	0	0	0	0	6	3	0	0	0	0	6	3	0	0	0	0	6	3	0	0	0	0	6	3
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0																		
Approved non-participation – special consideration	0	0	0	0	24	0	0	0	0	0	34	0	0	0	0	0	24	0	0	0	0	0	26	0
Non-participation – other	4	1	4	1	680	4	1	0	1	0	324	2	4	1	4	1	682	4	4	1	4	1	527	3



CRITICAL READING RESULTS

Test Date: May 2009

SAU: Scarborough School Department

ACHIEVEMENT LEVELS: Achievement level definitions describe the quality of a studen on state-level assessments in relation to the reading standards for achieving Maine's <i>Learning</i>	•	ST	UDENTS .	AT EACH	ACHIEVE	MENT LEV	'EL
Maine state-level assessments measure the knowledge and skills of students by sampling idea	L	Sch	nool	SA	AU	Sta	ite
standards within reading at the grade level assessed. Evidence includes responses to multiple items in an "on demand" setting.	-choice	N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by applying a variety of reasoning skills and prior knowledge as the student draws in-depth inferences, analyzes texts for subtle clues, synthesizes information across texts, and uses knowledge of text structures and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 1162-1180)	2006-2007	38	16	39	16	1168	8
	2007-2008	28	13	28	12	1184	8
	2008-2009	32	12	32	12	1339	9
	Cum. Total*	98	13	99	13	3691	8
Meets the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by applying a variety of reasoning skills and prior knowledge as the student draws inferences, identifies summary statements, connects ideas within and across texts, and uses knowledge of text structures and literary devices to increase comprehension. (scaled score 1142-1160)	2006-2007	126	54	127	54	5714	38
	2007-2008	124	56	124	55	5885	40
	2008-2009	154	57	154	56	5897	40
	Cum. Total*	404	55	405	55	17496	40
Partially Meets the Standards – The student's work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student's ability to use a variety of reasoning skills and prior knowledge varies depending on the texts as s/he draws inferences, identifies summary statements, connects ideas within and across texts, and uses knowledge of text structures and literary devices to support comprehension. (scaled score 1130-1140)	2006-2007	47	20	47	20	4728	31
	2007-2008	53	24	54	24	4093	28
	2008-2009	51	19	51	19	4169	28
	Cum. Total*	151	21	152	21	12990	29
Does Not Meet the Standards – The student's work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student's responses are often incorrect leaving the impression that the student found it difficult to use a variety of reasoning skills and prior knowledge as s/he draws inferences, identifies summary statements, connects ideas within and across texts, or uses knowledge of text structures and literary devices to support comprehension. (scaled score 1100-1128)	2006-2007	23	10	24	10	3444	23
	2007-2008	18	8	19	8	3417	23
	2008-2009	34	13	37	14	3255	22
	Cum. Total*	75	10	80	11	10116	23



CRITICAL READING RESULTS BY REPORTING SUBGROUPS

Test Date: May 2009

Scarborough School Department SAU:

Scarborough High School School:

DEDORTING					Sch	nool							SA	ΑU					Sta	ate		
REPORTING CATEGORIES	Tested		E		M		P	ı	D	Mean Scaled Score	Tested	E	М	P	D	Mean Scaled Score	Tested	E	М	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%	Score	N	%	%	%	%	Score	N	%	%	%	%	Score
All Students	271	32	12	154	57	51	19	34	13	1147	274	12	56	19	14	1146	14660	9	40	28	22	1141
Ethnicity																						
African American/Black	1										1						303	3	23	27	47	1133
American Indian or Native Alaskan	0										0						100	5	27	30	38	1135
Asian or Pacific Islander	8	2	25	5	63	0	0	1	13	1150	8	25	63	0	13	1150	219	11	34	28	26	1141
Hispanic	3										4						151	3	34	33	30	1137
Caucasian/White	259	29	11	147	57	51	20	32	12	1146	261	11	56	20	13	1146	13887	9	41	28	21	1141
Not Reported	0	20		'''		"		02	'-	1110	0	''					0					
Not reported			İ								ľ			İ								
Identified disability																						
Yes	30	0	0	4	13	6	20	20	67	1127	32	0	13	19	69	1127	1865	1	11	24	64	1127
No	241	32	13	150	62	45	19	14	6	1149	242	13	62	19	6	1149	12795	10	45	29	16	1143
Current LEP																						
Yes	3										3						225	0	9	22	68	1126
No	268	32	12	154	57	50	19	32	12	1147	271	12	57	18	13	1146	14435	9	41	29	21	1141
NO	200	32	12	154	57	50	19	32	12	1147	2/1	12	5/	10	13	1146	14435	9	41	29	21	1141
Economically disadvantaged																						
Yes	34	2	6	13	38	8	24	11	32	1139	35	6	37	23	34	1138	4120	3	30	32	35	1136
No	237	30	13	141	59	43	18	23	10	1148	239	13	59	18	10	1147	10540	11	44	27	17	1143
Migrant																						
Yes	0										0						3					
No	271	32	12	154	57	51	19	34	13	1147	274	12	56	19	14	1146	14657	9	40	28	22	1141
Gender																						
Female	139	13	9	82	59	29	21	15	11	1147	140	9	59	21	11	1146	7098	10	43	29	18	1142
Male	132	19	14	72	55	22	17	19	14	1146	134	14	54	16	16	1146	7562	9	37	28	26	1140
Not Reported	0	10	1 ''	/-				"	''	1110	0	''	"	'		'''	0		0,	1 -0		'''
Not reported											ľ											
Title 1A targeted program																						
Yes	0										0						291	3	28	28	41	1135
No	271	32	12	154	57	51	19	34	13	1147	274	12	56	19	14	1146	14369	9	40	28	22	1141
Ciftod/tolontod nya-rya-															!							
Gifted/talented program	,,	4.4	70		04					1400	4.4	70	0.1			1100	F00		45			1101
Yes	14	11	79	3	21	0	0	0	0	1168	14	79	21	0	0	1168	520	52	45	3	1	1161
No	257	21	8	151	59	51	20	34	13	1145	260	8	58	20	14	1145	14140	8	40	29	23	1140



MATHEMATICS RESULTS

Test Date: May 2009

SAU: Scarborough School Department

School: Scarborough High School

ACHIEVEMENT LEVELS: Achievement level definitions describe the quality of a student on state-level assessments in relation to the mathematics standards for achieving Maine's <i>Lea</i>	-	ST	UDENTS .	AT EACH	ACHIEVE	MENT LEV	/EL
Maine state-level assessments measure the knowledge and skills of students by sampling ide		Sch	nool	S	AU	Sta	ate
standards within mathematics at the grade level assessed. Evidence includes responses to a configuration of multiple-choice items and items requiring student-created responses in an "on demand" so		N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information, analyze and solve difficult or unfamiliar problems, and apply complex concepts. (scaled score 1162-1180)	2006-2007 2007-2008 2008-2009 Cum. Total*	22 21 19 62	9 9 7 8	22 21 19 62	9 9 7 8	578 637 596 1811	4 4 4 4
Meets the Standards – The student's work demonstrates an understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student's responses demonstrate the ability to reason, analyze and solve problems, and apply concepts. (scaled score 1142-1160)	2006-2007 2007-2008 2008-2009 Cum. Total*	123 115 152 390	52 50 55 53	125 115 152 392	52 49 55 52	5481 5508 5674 16663	36 37 38 37
Partially Meets the Standards – The student's work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student's responses demonstrate some ability to analyze and solve problems and apply concepts. (scaled score 1134-1140)	2006-2007 2007-2008 2008-2009 Cum. Total*	58 71 59 188	25 31 22 25	58 71 59 188	24 30 21 25	4754 5065 4622 14441	31 34 31 32

2006-2007

2007-2008

2008-2009

Cum. Total*

Does Not Meet the Standards – The student's work demonstrates limited understanding

central ideas. The student's responses demonstrate minimal ability to solve problems and

of essential concepts in mathematics and infrequent or inaccurate connections among

apply concepts. (scaled score 1100-1132)



MATHEMATICS RESULTS BY REPORTING SUBGROUPS

Test Date: May 2009

SAU: Scarborough School Department

					Sch	ool							SA	ΑU					Sta	ate		
REPORTING CATEGORIES	Tested		E		М		P		D	Mean Scaled Score	Tested	E	М	P	D	Mean Scaled Score	Tested	E	М	Р	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%	Score	N	%	%	%	%	Score	N	%	%	%	%	Score
All Students	274	19	7	152	55	59	22	44	16	1145	277	7	55	21	17	1145	15008	4	38	31	27	1141
Ethnicity																						
African American/Black	1										1						315	1	15	29	56	1134
American Indian or Native Alaskan	0										0						106	1	20	31	48	1134
Asian or Pacific Islander	8	2	25	4	50	2	25	0	0	1155	8	25	50	25	0	1155	227	11	41	28	21	1144
Hispanic	4	_		1	-	_					5	0	40	20	40	1135	157	1	27	25	46	1136
Caucasian/White	261	17	7	146	56	56	21	42	16	1145	263	6	56	21	17	1145	14203	4	39	31	27	1141
Not Reported	0	.,		1.10						1110	0					1110	0			0.		
Not neported																	"					
Identified disability																						
Yes	32	0	0	4	13	6	19	22	69	1133	34	0	12	18	71	1133	1959	0	7	19	73	1130
No	242	19	8	148	61	53	22	22	9	1147	243	8	61	22	9	1147	13049	5	42	33	21	1142
Current LEP																						
Yes	3										3						239	0	14	24	62	1132
No	271	19	7	152	56	56	21	44	16	1146	274	7	55	20	17	1145	14769	4	38	31	27	1141
INO	2/1	19	′	152	50	36	21	44	10	1140	2/4	'	55	20	17	1145	14709	4	30	31	21	1141
Economically disadvantaged																						
Yes	34	2	6	10	29	17	50	5	15	1141	35	6	29	49	17	1141	4306	1	24	33	42	1136
No	240	17	7	142	59	42	18	39	16	1146	242	7	59	17	17	1146	10702	5	43	30	21	1142
Minus at																						
Migrant	0										0						4					
Yes	1	19	7	152		59	00		40	4445	277	_		04	47	4445	15004	4	00	04	07	1444
No	274	19	′	152	55	59	22	44	16	1145	2//	7	55	21	17	1145	15004	4	38	31	27	1141
Gender																						
Female	140	2	1	82	59	34	24	22	16	1144	141	1	58	24	16	1143	7248	3	38	33	27	1140
Male	134	17	13	70	52	25	19	22	16	1147	136	13	51	18	18	1147	7760	5	38	29	28	1141
Not Reported	0										0						0					
Title 1A targeted program																						=
Yes	0		_								0	_					293	1	23	37	39	1137
No	274	19	7	152	55	59	22	44	16	1145	277	7	55	21	17	1145	14715	4	38	31	27	1141
Gifted/talented program																						
Yes	14	9	64	5	36	0	0	0	0	1168	14	64	36	0	0	1168	521	31	63	4	2	1157
No	260	10	4	147	57	59	23	44	17	1144	263	4	56	22	18	1144	14487	3	37	32	28	1140
I		-																				
									į													
			1		!		!		!				!	!	!		J		1	!	!	



WRITING RESULTS

Test Date: May 2009

SAU: Scarborough School Department

ACHIEVEMENT LEVELS: Achievement level definitions describe the quality of a student on state-level assessments in relation to the writing standards for achieving Maine's <i>Learning</i>		STI	JDENTS A	AT EACH	ACHIEVE	MENT LEV	'EL
Maine state-level assessments measure the knowledge and skills of students by sampling iden		Sch	ool	SA	AU U	Sta	ate
standards within writing at the grade level assessed. Evidence includes responses to a combin multiple-choice items and items requiring student-created responses in an "on demand" setting		N	%	N	%	N	%
Exceeds the Standards – The student's responses demonstrate skillful ability to select clear, precise sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage errors; and to select revisions that add to the clarity, precision and overall effectiveness of a passage. The student's essay demonstrates an effectively developed and insightful point of view on the issue and outstanding critical thinking, with clearly appropriate examples, reasons, and other evidence to support a position. The essay is well-organized and clearly focused, demonstrating clear coherence and smooth progression of ideas and free of most errors in grammar, usage, and mechanics. (scaled score 1162-1180)	2006-2007	27	12	27	11	937	6
	2007-2008	22	10	22	10	962	7
	2008-2009	31	11	31	11	1062	7
	Cum. Total*	80	11	80	11	2961	7
Meets the Standards – The student's responses demonstrate ability to select clear sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage errors; and to select revisions that add to the clarity and overall effectiveness of a passage. The student's essay demonstrates an effectively developed point of view on the issue and strong critical thinking, with generally appropriate examples, reasons, and other evidence to support a position. The essay is well-organized and focused, demonstrating coherence and progression of ideas and generally free of most errors in grammar, usage, and mechanics. (scaled score 1142-1160)	2006-2007	136	58	138	58	6167	41
	2007-2008	139	62	139	61	5564	38
	2008-2009	148	55	148	54	5706	39
	Cum. Total*	423	58	425	58	17437	39
Partially Meets the Standards – The student's responses demonstrate inconsistent ability to select clear sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage errors; and to select revisions that add to the clarity and overall effectiveness of a passage. The student's essay demonstrates a developed point of view on the issue and some critical thinking, but may do so inconsistently or with inadequate examples, reasons, or other evidence to support a position. The essay is generally organized and focused, but may demonstrate some lapses in coherence or progression of ideas and may contain errors in grammar, usage, and mechanics. (scaled score 1130-1140)	2006-2007	50	21	50	21	4723	31
	2007-2008	49	22	49	22	4679	32
	2008-2009	64	24	64	23	4487	31
	Cum. Total*	163	22	163	22	13889	31
Does Not Meet the Standards – The student's responses demonstrate limited ability to select clear sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage errors; and to select revisions that add to the clarity and overall effectiveness of a passage. The student's essay demonstrates a vague or seriously limited point of view on the issues and weak critical thinking, with inappropriate or insufficient examples, reasons, or other evidence to support a position. The essay is poorly organized and/or focused and may contain an accumulation of errors in grammar, usage, and mechanics that interfere with understanding the message of the essay. (scaled score 1100-1128)	2006-2007	21	9	22	9	3227	21
	2007-2008	15	7	17	7	3376	23
	2008-2009	28	10	31	11	3408	23
	Cum. Total*	64	9	70	9	10011	23



WRITING RESULTS BY REPORTING SUBGROUPS

Test Date: May 2009

Scarborough School Department SAU:

Scarborough High School School:

DEDORTING					Sch	ool							SA	AU .	,				Sta	ate		
REPORTING CATEGORIES	Tested		E	ı	М		P		D	Mean Scaled Score	Tested	E	М	P	D	Mean Scaled	Tested	E	М	P	D	Mean Scaled
	N	N	%	N	%	N	%	N	%	Score	N	%	%	%	%	Score	N	%	%	%	%	Score
All Students	271	31	11	148	55	64	24	28	10	1146	274	11	54	23	11	1146	14663	7	39	31	23	1140
Ethnicity																						
African American/Black	1										1						302	2	22	32	44	1133
American Indian or Native Alaskan	0										0						100	2	23	35	40	1134
Asian or Pacific Islander	8	2	25	5	63	0	0	1	13	1149	8	25	63	0	13	1149	219	10	37	27	26	1141
Hispanic	3										4						151	4	29	32	35	1135
Caucasian/White	259	29	11	140	54	64	25	26	10	1146	261	11	54	25	11	1146	13891	7	40	31	23	1140
Not Reported	0										0						0					
Identified disability																						
Yes	30	0	0	4	13	11	37	15	50	1128	32	0	13	34	53	1127	1861	0	8	21	71	1125
No	241	31	13	144	60	53	22	13	5	1148	242	13	60	22	6	1148	12802	8	43	32	16	1142
Current LEP																						
Yes	3										3						224	0	8	28	64	1127
No	268	31	12	148	55	62	23	27	10	1146	271	11	55	23	11	1146	14439	7	39	31	23	1140
Economically disadvantaged																						
Yes	34	1	3	12	35	16	47	5	15	1139	35	3	34	46	17	1138	4121	2	27	33	38	1134
No	237	30	13	136	57	48	20	23	10	1147	239	13	57	20	10	1147	10542	9	44	30	18	1142
Migrant																						
Yes	0										0						3					
No	271	31	11	148	55	64	24	28	10	1146	274	11	54	23	11	1146	14660	7	39	31	23	1140
Gender																						
Female	139	14	10	82	59	34	24	9	6	1147	140	10	59	24	7	1147	7103	9	43	31	17	1143
Male	132	17	13	66	50	30	23	19	14	1145	134	13	49	22	16	1144	7560	6	35	30	30	1138
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						291	3	25	36	35	1135
No	271	31	11	148	55	64	24	28	10	1146	274	11	54	23	11	1146	14372	7	39	30	23	1140
Gifted/talented program																						
Yes	14	8	57	6	43	0	0	0	0	1164	14	57	43	0	0	1164	520	43	52	3	1	1159
No	257	23	9	142	55	64	25	28	11	1145	260	9	55	25	12	1145	14143	6	38	32	24	1139
															-							



SCIENCE RESULTS

Test Date: May 2009

Scarborough School Department SAU:

School: **Scarborough High School**

ACHIEVEMENT LEVELS: Achievement level definitions describe the quality of a student	's responses	ST	UDENTS A	AT EACH	ACHIEVE	MENT LEV	/EL
on state-level assessments in relation to the science standards for achieving Maine's Learning	g Results.	Sch	nool	S	AU	Sta	ate
Maine state-level assessments measure the knowledge and skills of students by sampling ider standards within science at the grade level assessed. Evidence includes responses to a combir multiple-choice items and items requiring student-created responses in an "on demand" settire.	nation of	N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (scaled score 1162-1180)	2008-2009*	21	8	21	8	602	4
Meets the Standards – The student's work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student's responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (scaled score 1142-1160)	2008-2009*	146	54	146	53	5431	37
Partially Meets the Standards – The student's work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student's responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (scaled score 1134-1140)	2008-2009*	49	18	49	18	3876	26
Does Not Meet the Standards – The student's work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student's responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (scaled score 1100-1132)	2008-2009*	55	20	58	21	4958	33

Learning Results		nber oints			rage Poi umber a			
Content Standards	Pos	sible	Sch	ool	SA	\U	Sta	ate
	N	%	N	%	N	%	N	%
Science Total Points	56	100	27.67	49.4	27.43	49.0	22.76	40.6
D. The Physical Setting	34	61	16.13	47.4	15.98	47.0	13.63	40.1
D1/D2 Earth/Space	14	25	6.92	49.4	6.86	49.0	6.05	43.2
D3/D4 Matter and Energy/Force and Motion	20	36	9.21	46.1	9.12	45.6	7.58	37.9
E. The Living Environment	22	39	11.54	52.5	11.45	52.0	9.13	41.5

The MHSA assesses students' science knowledge based on questions that measure the science accountability content standards highlighted in Maine's 2007 Learning Results: Parameters for Essential Instruction, which can be found at: http://www.maine.gov/education/lres/pei/index.html.

Content Standard D. The Physical Setting D1 - Universe and Solar System

- D2 Earth
- D3 Matter and Energy
- D4 Force and Motion

Content Standard E. The Living Environment

- E1 Biodiversity
- E2 Ecosystems
- E3 Cells
- E4 Heredity and Reproduction
- E5 Evolution



SCIENCE RESULTS BY REPORTING SUBGROUPS

Test Date: May 2009

SAU: Scarborough School Department

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		М		P		D		Mean Scaled Score	Tested	E	М	P	D	Mean Scaled Score	Tested	E	М	Р	D	Mean Scaled
	N	N	%	N	%	N	%	N	%	Score	N	%	%	%	%	Score	N	%	%	%	%	Score
All Students	271	21	8	146	54	49	18	55	20	1145	274	8	53	18	21	1145	14867	4	37	26	33	1140
Ethnicity																						
African American/Black	1										1						311	1	18	20	61	1133
American Indian or Native Alaskan	0										0						102	1	19	30	50	1135
Asian or Pacific Islander	8	1	13	6	75	0	0	1	13	1149	8	13	75	0	13	1149	225	5	40	20	36	1141
Hispanic	4										5	0	40	0	60	1141	152	2	23	18	57	1136
Caucasian/White	258	20	8	138	53	49	19	51	20	1145	260	8	53	19	20	1145	14077	4	37	26	32	1141
Not Reported	0	20	"	100	"	10	'	"	1 20	1145	0		30	'0	1 20	1140	0		"	1 20	02	''
Not Reported											"						"					
Identified disability																						
Yes	32	0	0	4	13	4	13	24	75	1132	34	0	12	12	76	1132	1928	0	9	18	72	1131
No	239	21	9	142	59	45	19	31	13	1147	240	9	59	19	13	1147	12939	5	41	27	28	1142
Current LEP																						
Yes	3										3		į				234	0	10	11	79	1129
	268	21	8	145	54	49	18	53	20	1145	271	8	54	18	21	1145	14633	4	37	26	33	1140
No	200	21	°	145	54	49	16	53	20	1145	2/1	°	54	16	21	1145	14033	4	3/	20	33	1140
Economically disadvantaged																						
Yes	32	1	3	16	50	4	13	11	34	1140	33	3	48	12	36	1140	4264	2	24	26	47	1136
No	239	20	8	130	54	45	19	44	18	1146	241	8	54	19	19	1145	10603	5	41	26	28	1142
Migrant																						
Yes	0										0				İ		4					
	271	21	8	146	54	49	18	55	20	1145	274	8		18	21	1145	14863	4	37	000	33	1140
No	2/1	21	8	146	54	49	18	55	20	1145	2/4	8	53	18	21	1145	14863	4	3/	26	33	1140
Gender																						
Female	139	5	4	70	50	34	24	30	22	1142	140	4	50	24	22	1142	7179	2	32	29	37	1139
Male	132	16	12	76	58	15	11	25	19	1148	134	12	57	11	20	1147	7688	6	40	23	30	1142
Not Reported	0										0						0					
Title 44 Assessed assessed																						
Title 1A targeted program													į				007				40	1100
Yes	0										0						287	2	23	26	49	1136
No	271	21	8	146	54	49	18	55	20	1145	274	8	53	18	21	1145	14580	4	37	26	33	1140
Gifted/talented program																						
Yes	14	11	79	3	21	0	0	0	0	1164	14	79	21	0	0	1164	517	28	65	6	1	1156
No	257	10	4	143	56	49	19	55	21	1144	260	4	55	19	22	1144	14350	3	35	27	35	1140
		-																				
			<u> </u>		<u> </u>		!		<u> </u>				<u> </u>	<u> </u>	<u> </u>		<u> </u>		1	!	<u> </u>	